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L1 166940 S CEMENT?

L2 434 S L1 AND POLYCARBOXYLATE?

L3 11 S L2 AND (FIBER? OR FIBRE?)

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L3 ANSWER 2 OF 11 CA COPYRIGHT 2004 ACS on STN  
 AN 136:204211 CA  
 ED Entered STN: 21 Mar 2002  
 TI Low **fiber** content, high strength concrete compositions for  
 prefabricated tiles and panels  
 IN Moersch, Joerg; Casabonne Masonnave, Jean-Michel  
 PA Lafarge S.A., Fr.; Lafarge Braas Technical Centers Ltd.  
 SO PCT Int. Appl., 24 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA French  
 IC ICM C04B020-00  
 ICS C04B007-52  
 CC 58-2 (Cement, Concrete, and Related Building Materials)  
 Section cross-reference(s): 38, 57

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002016281	A1	20020228	WO 2001-FR2643	20010821
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	FR 2813074	A1	20020222	FR 2000-10770	20000821
	AU 2001084150	A5	20020304	AU 2001-84150	20010821
PRAI	FR 2000-10770	A	20000821		
	WO 2001-FR2643	W	20010821		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2002016281	ICM	C04B020-00
	ICS	C04B007-52

AB Low-**fiber** content concrete compns. are obtained by mixing water  
 with a hydraulic binder compn. comprising (a) a **cement**, (b)  
 ultrafine elements with pozzolanic reaction, (c) granular elements, (d)  
**cement** additives, (e) an amt. of water E added to the mixt. and  
 (f) a dispersing agent. The constituents (a), (b), (c), and (d), in  
 vol.%, satisfy the following relationships: 0.50 .ltoreq. [(a)+(b)+(d)]/c  
 .ltoreq. 1.10; 0.40 .ltoreq. [(b)+(d)]/(a) .ltoreq. 0.80; 0.10 .ltoreq.  
 (b)/(a) .ltoreq. 0.30 and a water/**cement** wt. .ltoreq. 0.30. The  
**cement** additives may include a superplasticizer (such as a  
**polycarboxylate** or a polyoxyethylene phosphonate) and a  
set-accelerator (such as calcium chloride). The concrete prep'd. show high  
bending and compressive strength despite the low **fiber**-content  
and can be used to produce prefabricated roofing tiles or panels.

ST **cement** pozzolan aggregate additive **fiber** reinforcement  
 dispersant concrete tile

IT Sand

RL: PEP (Physical, engineering or chemical process); PYP (P